

AL-35-800071-

13 August 1965

Dear Joe:

Subject: Final Report - PAR 213 - Color Reproduction Systems Review

Enclosed herewith is one (1) copy of the subject report (classified
SECRET).

RRW:eb

Dick
Dick

Copy #1: JP w/enc. (AL-35-700039-6)
2: NJ w/encs. (AL-35-700039-1
thru 5)

1 contract Administrator

2 ~~SS/L~~

3 contract file

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Page 1 of 1

Declass Review by NGA.

5 May 1965

25X1



PAR-213 Briefing Charts

Dear Rock,

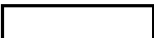

The eight (8) briefing charts enclosed have been approved with the changes appearing thereon. The chart showing a stereoscope with Polarizing eyepieces, (formerly chart number 8), will not be used and is therefore deleted.

For effective use of these briefing boards, examples of the film results obtained by the methods depicted on the charts are required. These should be provided in the form of 3.5" x 4" teleprompter slides.

It is requested that the following examples be furnished if feasible:

a. Three (3) copies each of SO-121 printed on SO-121 by the subtractive process. Also, three (3) copies each of SO-121 printed on SO-121 by the additive process. These are to support charts 2 and 4.

b. One (1) each black-and-white positive type 8430 from original negative type 4404. One (1) each color dupe, type SO-121, printed from SO-121. These are to support chart no. 3.

c. One (1) each 5x - 10x and 20x  Prints from SO-121 printed through 5x interneg  film. These are to support chart no. 5.

d. Four (4) each 5x color prints on type 6109 film; prints to be made as outlined in chart no. 6. These prints are to support that chart.

e. One (1) each duplicate positives made on film types 8430 and SO-121 by the color separation technique outlined in chart no. 7; also, for comparison purposes, we require one (1) each dupe positives of the same, printed using white light. These are to support chart no. 7.

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5 May 1965

It would also be most helpful if examples of the original color reversals could be furnished for each of the above requested slides to provide a means for comparison.

Sincerely,

Wil

Enclosures

22 March 1965

997194

PAR-213

Dear Ray:

As you know a request has been made to redesign or incorporate color capabilities into the 105 Program.

A suggested color film, based primarily upon high resolution, has been [redacted] 5389 emulsion. Our contacts with [redacted] lead us to believe that this color film is a reproduction film utilized in the movie industry. Discussions with [redacted] office, have caused some concern. Primarily because this emulsion has been made only on 16 and 35mm film. He expressed strong doubts this could be produced in chip form and if it was, extreme curl would be expected. Also, no information is available on processing in chip form.

Based upon the above, it is our feeling that a direct contact should be made with [redacted] to justify the following:

- Is this the color film we wish to utilize in this system?
- If so, can processing information be supplied when utilized in chip form?
- What is the anticipated amount of curl and can this be corrected by anti-curl backing?
- Can this emulsion be applied to an ESTAR base?
- For this or any color film, what are [redacted] recommendations for light source as to color balance, spectral response, etc.?
- If the above emulsion cannot be utilized, what others might there be, and do the same answers to the above questions apply in all cases?

Page Two

- g. Can we anticipate any additional or unusual results because of the liquid gate when utilizing color film?

On the basis of the questions above, the item regarding the adaptation of the 105 Program for color film will be held in abeyance until further notice.

Yours truly,

[Redacted Signature]

Program Manager

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17 May 65

(Secret)

25X1 Give [Redacted]

six reports out of PAR 2/3
for retention - they answer part of the queries.
PLB

23 June 1964

MEMORANDUM FOR THE RECORD

See the Trip Report covering the period 8 - 11 June 1964 for comments concerning this project.

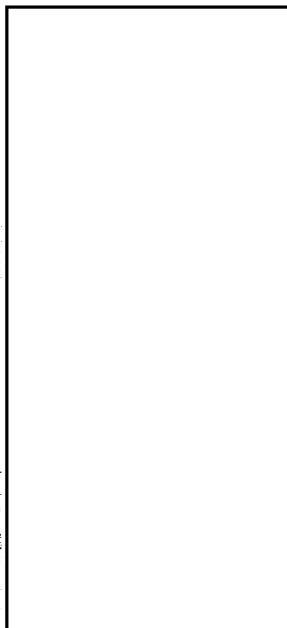


Development Branch, P&DS

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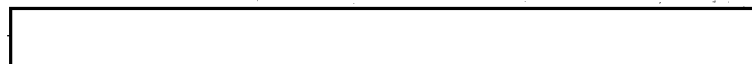
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ATTN:



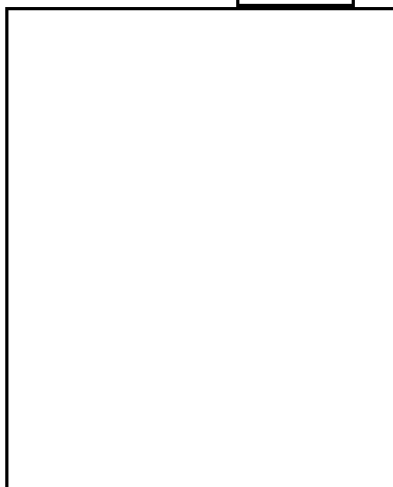
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THE FOLLOWING SPECIFIC PERSONNEL WILL BE AT [REDACTED] ON THE DATES INDICATED TO

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DISCUSS THE [REDACTED] CONTRACT PARS LISTED AFTER THEIR NAME:



| <u>NAME</u> | <u>DATES</u> |
|-----------------------------------|---------------|
| 202, 206, 207, 211, 214, 215, 224 | 9, 10 JUN |
| 212, 216, 217 | 10, 11 JUN |
| 222 | 10 JUN |
| 225, 226 | 11 JUN |
| 211 | 11 JUN |
| ADMINISTRATIVE MATTERS | 9, 10, 11 JUN |

END OF MESSAGE

25X1

ASST/RODS



29 January 1964

MEMORANDUM FOR THE RECORD

1. SUBJECT: PAR #213, Contract [] "Color Reproduction Systems Review" 25X1
2. REFERENCES: a. [] Quarterly Report, Contract [] Second Quarter, FY 64 25X1
b. Conference at P&DS, 23 January 1964
3. ACTION REQUIRED: a. [] should be formally advised that the study objectives contained in PAR 213 of reference a, above, are acceptable as written. 25X1
b. [] should be authorized to proceed on accomplishment of the PAR 213 Study Program. 25X1
4. ACTION TAKEN: [] has been appropriately advised of paragraph 3, above. 25X1
5. COORDINATION: None required.
6. COPIES FURNISHED: Not applicable.

Development Branch, P&DS